PART B - FEE(S) TRANSMITTAL

Complete and send this form Rogether w

applicable fee(s), to: Mail

Mail Stop ISSEL FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450



12			or <u>F</u>		03) 746-400(11 gillia <i>223</i> 1.)	3-1450	
INSTRUCTIONS: This for	m should be used for trans	smitting the ISSU	E FEE and P	UBLICAT	ION FEE (if r	equired). Blocks	s 1 through 4 s	should be completed wh
INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed wh appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" maintenance fee notifications.								
	S. E ADDRESS (Note: Legibly mark-up	with any corrections or	use Block 1)	No	te: A certificate	of mailing can	only be used f	or domestic mailings of
				Fee	e(s) Transmittal	. This certificate	cannot be used	for domestic mailings of for any other accompany
26633 75	90 07/01/2004			ha	ve its own certif	icate of mailing	or transmission.	ent or formal drawing, m
HELLER EHRM.	AN WHITE & MCA	ULIFFE LLF)			Certificate of M	lailing or Tran	smission
1666 K STREET,N	W			I h Sta	ereby certify the	at this Fee(s) Tra	ansmittal is bein	ng deposited with the Un
SUITE 300				ade	dressed to the	Mail Stop ISSU	E FEE address	ng deposited with the Un rst class mail in an envel a above, or being facsim low.
WASHINGTON, D	OC 20006				isilitted to the	osr 10, on the u	ate indicated be	(Depositor's na
				<u> </u>				
				├ -	 			(Signat
								(D
. APPLICATION NO.	FILING DATE		FIRST NAMED	INVENTO	R	ATTORNE	DOCKET NO.	CONFIRMATION NO.
10/608,808	06/30/2003		Sung Go	on Jin		4029	96-0023	7948
TITLE OF INVENTION: M	ETHOD FOR FORMING B	IT LINE OF SEM	ICONDUCTO	R DEVIC	E			
	"Augher							
APPLN, TYPE	SMALL ENTITY	ISSUE FI	EE	PUBL	ICATION FEE	TOTAL	FEE(S) DUE	DATE DUE
nonprovisional	NO ·	\$1330)		\$300	S	1630	10/01/2004
EXAM	INER	ART UN	IT	CLAS	S-SUBCLASS			
· OWENS,	ВЕТН Е	2824		43	88-738000			
1. Change of correspondence	address or indication of "Fe	ee Address" (37	2 For print	ting on the	natent front n	age, list (1) the		
CFR 1.363).	duction of Tr	co riddress (57	names of	up to 3	registered pater	nt attorneys or	_l Heller	Ehrman White
Change of corresponde	nce address (or Change of C	Correspondence				me of a single red attorney or		McAuliffe LLP
Address form PTO/SB/12	•					gistered patent	2	
The Address indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer attorneys or agents. If no name is listed, no name is listed, no name attorneys or agents. If no name is listed, no nam								
Number is required. will be printed.								
3. ASSIGNEE NAME AND	RESIDENCE DATA TO B	E PRINTED ON T	THE PATENT	(print or ty	ype)			
PLEASE NOTE: Unless been previously submitted	an assignee is identified bel d to the USPTO or is being s	ow, no assignee d	ata will appear parate cover. C	r on the pa	tent. Inclusion of	of assignee data NOT a substitute	is only appropri	iate when an assignment
(A) NAME OF ASSIGNI				-	and STATE OR		ioi iiiiig uii us.	argiment.
Hynix Semiconductor Inc. Gyeonggi-do, Republic of Korea								
nymix bemicon	ddctor inc.	dyc	oneer do	, Kep	ODITC OF	Rolea		
Please check the appropriate	assignee category or category	ries (will not be pr	inted on the pa	itent);	☐ individual	a corporation o	r other private g	group entity 🚨 governm
4a. The following fee(s) are	enclosed:	4b	. Payment of F	Fee(s):				
Issue Fee			X A check in	the amour	nt of the fee(s) is	s enclosed.		
Publication Fee				•		038 is attached.		
☐ Advance Order - # of 0	Copies		The Direct	tor is here	by authorized b	y charge the rec	quired fee(s), or	credit any overpayment
Deposit Account Number (enclose an extra copy of this form). Director for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.								
(Authorized Signature) Johnny A. Kumar,	Johnny Column	(Date) Q	1000	4				
Johnny A. Kumar,	Reg. No. 34,649		lool	1	AS/30/200	4 TBESHARE OC	000070 10606	5808
NOTE; The Issue Fee and	Publication Fee (if require	ed) will not be ac	cepted from a	nyone	04. 50 AEA	.4	-1	330, QC QP.
	a registered attorney or age cords of the United States Pa				VE ENTER	7		30V. VV UP
This collection of informa	tion is required by 37 CFR by the public which is to fi is governed by 35 U.S.C. 1	1.311. The inform	nation is requi	ired to	09/30/2004 1	rBESHAHE 0000	0070 405000-	
application. Confidentiality	is governed by 35 U.S.C. 1	22 and 37 CFR 1.1	14. This collect	tion is		PERMITE VIOL	VV/V 10608808	5
completed application for	n to the USPTO. Time wil	ll vary depending	upon the indi	vidual	01 FC:1501 02 FC:1504			.00 QP
suggestions for reducing the	of s governed by 35 U.S.C. I ees to complete, including graph to the USPTO. Time will the amount of time you raise burden, should be sent office, U.S. Department END FEES OR COMPLE for Patents, Alexandria, Virginal Completes to the state of the state o	to the Chief Inform	nation Officer	and/or r, U.S.			300).00 OP
22313-1450. DO NOT S	END FEES OR COMPLE	of Commerce, A TED FORMS TO	nexandria, Vi THIS ADDI	irginia RESS.				
SEND TO: Commissioner	tor Patents, Alexandria, Virg	ginia 22313-1450.		į				

()

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PTO/SB/17 (01-03)

Approved for use through 07/31/2006. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FOR FV 200			Complete if Known	
EE TRANSMI	TTAL	Application Number	10/608,808	
for FY 200	4	Filing Date	June 30, 2003	
Effective 10/01/2003. Patent fees are subje	=	First Named Inventor	Sung Gon JIN et al.	
	7 27 CFD 1 27	Examiner Name	B. Owens	
Applicant claims small entity status.	See 37 CFR 1.27	Art Unit	2824	
TOTAL AMOUNT OF PAYMENT	(\$) 1,630.00	Attorney Docket No.	40296-0023	

TOTAL AMOUNT OF PAYMENT (\$) 1,630.00				Attorney Docket No. 40296-0023								
	ME	THOD O	F PAYMI	E NT (c	heck one)				FI	EE CAL	CULATION (continued)	
☐ Check	Пс	redit card	☐ Mon	ey Orde	r 🔲 Other	☐ None	3. Al	DDITION	AL FEI	ES		
☐ Depos	it Accoun	nt										
Deposit							Large	Entity	Small	Entity	2020	Fee
Account Number	08-1	641 (Do	cket No.	40296	-0023)		Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Paid
Deposit						_	1051	130	2051	65	Surcharge - late filing fee or oath	
Account Name	Helle	er Ehrmar	n White &	k McA	uliffe LLP		1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
							1053	130	1053	130	Non-English specification	
The Comn	nissioner	is author	ized to: (a	check a	ll that apply)		1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
☐ Charge	e fee(s) inc	dicated be	low 🛛	Credi	t any overpay	ments	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
☐ Charge	any addi	tional fee(s) during t	he pen	dency of this a	application	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
☐ Charge identified d			low, excep	t for t	he filing fee to	the above-	1251	110	2251	55	Extension for reply within first month	
	-	FEE (CALCUL	ATIO	N		1252	420	2252	210	Extension for reply within second month	
1. BASIC	FILING	FEE					1253	950	2253	475	Extension for reply within third month	
	Entity	Small	Entity	Fee	Description	Fee Paid	1254	1,480	2254	740	Extension for reply within fourth	
Fee Code	Fee (\$)	Fee Code	Fee (\$)				1255	2,010	2255	1,005	month Extension for reply within fifth month	
1001	770	2001	385	Utilit	y filing fee		1401	330	2401	165	Notice of Appeal	
1002	340	2002	170		gn filing fee		1402	330	2402	165	Filing a brief in support of an appeal	
1003	530	2003	265				1403	290	2403	145		
					filing fee						Request for oral hearing Petition to institute a public use	
1004	770	2004	385	Reiss	ue filing fee		1451	1,510	1451	1,510	proceeding	
1005	160	2005	80	Provi fee	sional filing		1452	110	2452	55	Petition to revive - unavoidable	
		SU	BTOTAL	(1)	(\$)		1453	1,330	2453	665	Petition to revive - unintentional	
2. EXTRA	A CLAIM	fees f	OR UTIL	ITY A	ND REISSUI	E	1501	1,330	2501	665	Utility issue fee (or reissue)	1,330
			Extra Cla	ims	Fee from below	Fee Paid	1502	480	2502	240	Design issue fee	
Total Claims		-20** =] x [=	:[]	1503	640	2503	320	Plant issue fee	
Independent Claims		-3**=] x [1460	130	1460	130	Petitions to the Commissioner	
Multiple De	ependent				=		1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
Large Fee	Entity Fee	Small Fee	Entity Fee		Fee Descrip	tion	1906	180	1006	100	Submission of Information Disclosure	
Code	(\$)	Code	(\$)				1806	160	1806	180	Strnt	
1202	18	2202	9	Claim	s in excess of 2	.0	8021	40	8021	40	Recording each patent assignment per	
1201	86	2201	43	Indepe	endent claims i	n excess of 3	1809	770	2809	385	property (times number of properties) Filing a submission after final	
1203	290	2203	145		ole dependent o	laim, if not	1810	770	2810	385	rejection (37 CFR 1.129(a)) For each additional invention to be examined (37 CFR 1.129(b))	
1204	86	2204	43		ssue independe riginal patent	nt claims	1801	770	2801	385	Request for Continued Examination (RCE)	
1205	18	2205	9	**Rei	onginai patent ssue claims in o ver original pat		1802	900	1802	900	Request for expedited examination of a design application	
	SUBTO	TAL (2)		(\$)			Other fee	(specify)	<u>Publicati</u>	on Fee	5 11	300
				* Reduce	ed by Basic	: Filing F	ee Paid	SUBTOTAL (3)	(\$) 1,630			
07170347000								, =			(/	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,

SUBMITTED BY				Complete (if applicable)
Name (Print/Type)	Johnny A. Kumar	Registration No. (Attorney/Agent)	34,649	Telephone 202-912-2000
Signature	Johnny l Amund	Date	9/28/04	Customer No. 26633